

3/23/79

PP# 6P1830/FAP# 9H5203: Chlorpyrifos in Sorghum and milling fractions.
Amendment of 12/1/78.

Alfred Smith, Chemist, RCB, HED (TS-769)

F. Sanders (PM-12), RD (TS-767) and TOX, HED (TS-769)

Thru: Acting Chief, RCB

The submission contains revised tolerance proposals for residues of the insecticide chlorpyrifos, [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)phosphorothioate], and its metabolite 3,5,6-trichloro-2-pyridinol as follows.

Sorghum grain	0.75 ppm
Sorghum forage	1.5 ppm
Sorghum fodder	6.0 ppm

Sorghum grain milling fractions (bran, germ, screenings)-FAP 9H5203	1.5 ppm
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The food additive tolerance for grain milling fractions is the only change in tolerances of this petition. The food additive tolerance responds to our request that such a tolerance was necessary (memo 9/25/78, A. Smith). This submission resolves the deficiencies of this petition.

Recommendation

Toxicological considerations permitting, we recommend for the proposed tolerances.

Alfred Smith

TS-769:RCB:ASMITH:sdb:X62610:RML08:WSME:3/23/79

Using a concentration factor of 2.0 (since only 1 sample was processed, the higher factor will provide for some variability in residue levels) and the proposed grain tolerance of 0.75 ppm, we calculate a tolerance level of 1.5 ppm for the milling fractions (bran, germ, screenings).

Recommendation

We recommend against the tolerances as proposed. A favorable recommendation is contingent upon the petitioner's submission of a tolerance proposal to cover residues in the sorghum grain milling fractions (bran, germ, screenings) which are used in the livestock diet. A tolerance of 1.5 ppm is adequate.

Alfred Smith

cc: EEE, TOX, FDA, CHM (3)
TS-769:ASMITH:mer:Em 108:WSME:X62610:9/21/78
RDI:RSQUICK:9/20/78:JGCUMMINGS:9/20/78

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